

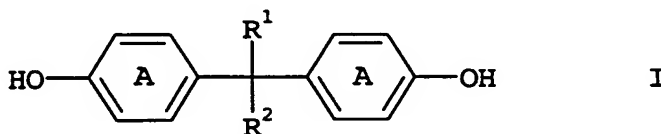
10/526437
DT01 Rec'd PCT/PT 03 MAR 2005

New claims

1. Solid pigment preparations comprising as essential
5 constituents

(A) from 60 to 90% by weight of at least one pigment and

- 10 (B) from 10 to 40% by weight of at least one surface-active additive from the group of the reaction products of alkylene oxides with a bisphenol of the general formula I



20 where the rings A may each be substituted by one or two substituents selected from the group consisting of C₁-C₈-alkyl, phenyl and phenyl-C₁-C₈-alkyl and R¹ and R² are each methyl.

2. Pigment preparations as claimed in claim 1, wherein component
(B) is at least one additive from the group of the reaction
25 products of ethylene oxide and/or propylene oxide with bisphenol A and phenylethyl-substituted bisphenol A, the acidic sulfuric and sulfonic esters of these alkylene oxide compounds and the salts of these esters.
3. Pigment preparations as claimed in claim 1 or 2, wherein
30 component (B) is at least one nonionic surface-active additive based on reaction products of bisphenol A with from 4 to 150 mol of ethylene oxide/mol.
4. Pigment preparations as claimed in any of claims 1 to 3, in
35 the form of granules having an average particle size from 50 to 5000 μm and a BET surface area $\leq 15 \text{ m}^2/\text{g}$.
5. A process for producing pigment preparations as claimed in
40 any of claims 1 to 4, which comprises wet-comminuting the pigment (A) in aqueous suspension in the presence of some or all of additive (B) and then drying the suspension, if necessary after the rest of additive (B) has been added.

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6. A process for pigmenting macromolecular organic and inorganic materials, which comprises introducing the pigment preparations as claimed in any of claims 1 to 4 into these materials by stirring or shaking.

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7. A process as claimed in claim 6, for pigmenting coatings, paints, inks, including printing inks, and finish systems where the liquid phase comprises water, organic solvent or mixtures of water and organic solvents.

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8. A process for pigmenting macromolecular organic and inorganic materials using color-mixing systems, which comprises using pigment preparations as claimed in any of claims 1 to 4 as mixing components.

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9. A process for pigmenting plastics, which comprises incorporating pigment preparations as claimed in any of claims 1 to 4 into the plastics by extruding, rolling, kneading or milling.

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10. A process for pigmenting powder coatings, which comprises incorporating pigment preparations as claimed in any of claims 1 to 4 into the powder coatings by extruding, rolling, kneading or milling.

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Solid pigment preparations comprising surface-active additives based on alkoxyolated bisphenols

5 Abstract

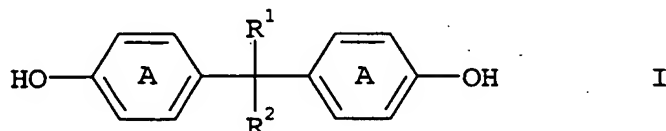
Solid pigment preparations comprising as essential constituents

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(B) from 10 to 40% by weight of at least one surface-active additive from the group of the reaction products of alkylene oxides with a bisphenol of the general formula I

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where the rings A may each be substituted by one or two substituents selected from the group consisting of C₁-C₈-alkyl, phenyl and phenyl-C₁-C₈-alkyl and R¹ and R² are independently hydrogen or C₁-C₈-alkyl,

25 and also processes for their production and for pigmented macromolecular organic and inorganic materials.

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